8FC-79W

ISO

Set using ISO screws

SPECIFICATIONS

Circuit system:	9-transistor 12-diode superheterodyne 2 transistors for interval buzzer	
Frequency coverage:	FM AM	87.5 – 108 MHz (3.42 – 2.77 m) 530 – 1,605 kHz (566 – 187 m)
Intermediate frequency:	FM AM	10.7 MHz 455 kHz
Antenna system:	FM AM	AC line antenna and EXT ANT terminal (75 Ω) built-in ferrite bar antenna and EXT ANT terminal
Maximum sensitivity: at 50 mW output	FM AM	2 μV (6 dB) 60 μV/m (36 dB/m)
Selectivity at 10 kHz off-resonance:	24 dB at 1,400 kHz	
Power output at 10% distortion: **Maximum:**	1.8 W 2.5 W	
Power requirement:	AC 117 V 60 Hz 8 W	
Speaker:	3-15/16" x 2-3/4" (10 x 7 cm) PM dynamic, 8Ω	
Dimensions:	13-9/32"(W) x 3-15/16"(H) x 5-29/32" (D) (345 x 100 x 150 mm)	
Weight:	5 lb 13 oz (2.6 kg)	

SONY®

SERVICE MANUAL

FC-79W

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SECTION 1
OUTLINE

1-1. CIRCUIT DESCRIPTION

Interval Buzzer

Unlike our former digital clock radios (8FC-59WA, 8FC-69WA etc.) the model 8FC-79W uses an "Interval Buzzer" system by an astable-multivibrator circuit. The buzzer sounds twice or three times in 5 minutes.

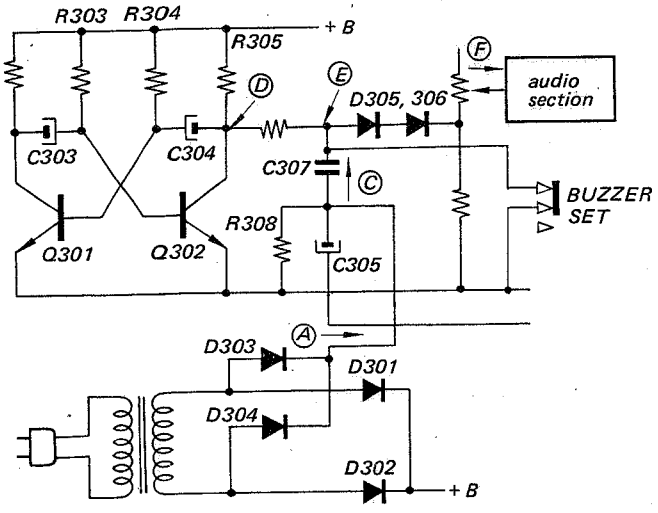


Fig. 1-1.

The buzzer circuit is shown in Fig. 1-1. Here the BUZZER SET switch is set to "BUZZER", and the AUTO switch is set to "ON". The output of the full-wave rectifier D303 and D304 consists of a dc component and a ripple component. The ripple component approximates a sawtooth wave as shown in Fig. 1-2. after passing through ripple filter C305, R308 and capacitor C307.

If the sawtooth voltage is big enough, it passes through diodes D305 and D306 and reaches the audio section to sound the speaker. But the sawtooth wave itself is not big enough to pass through the diodes (1.5 volts waveform amplitude is need). The extro amplitude is furnished at intervals by the Q301-Q302 astable-multivibrator.

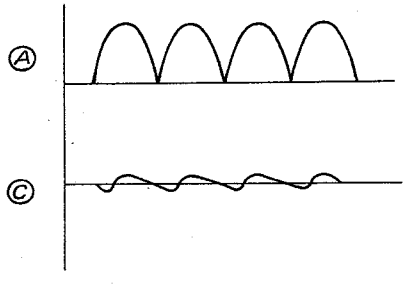


Fig. 1-2.

When transistor Q302 is ON, the heavy collector current causes a voltage drop across resistor R305, thus making the dc voltage at Ⓓ very low. However, when transistor Q301 conducts and Q302 is cut off, the voltage at Ⓓ rises. The time intervals T1 when Q302 is cut off and T2 when Q302 conducts are determined by the time constants of the biasing and coupling components as follows:

$T1 = k \times R303 \times C303$
$T2 = k' \times R304 \times C304$
k, k' ; constant

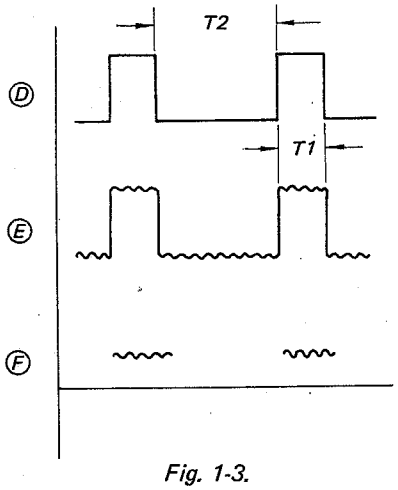
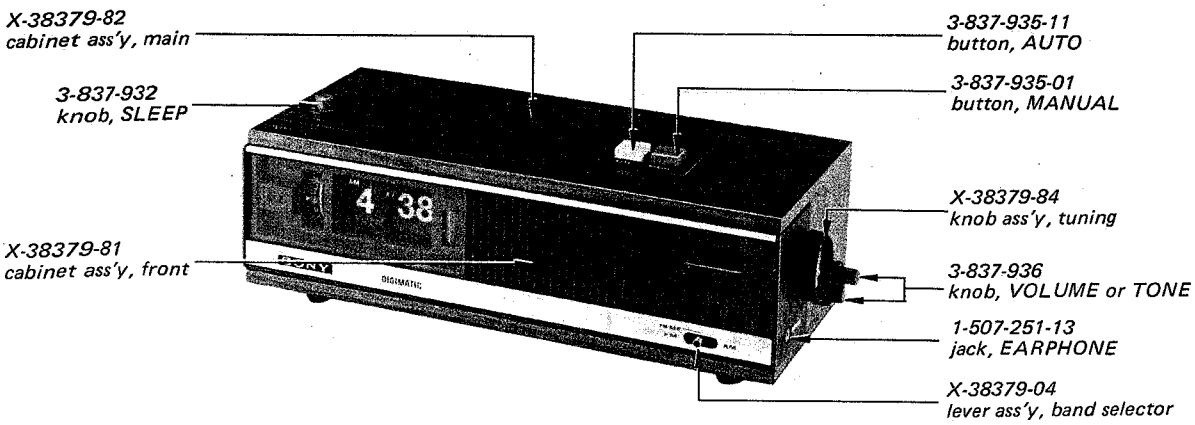


Fig. 1-3.

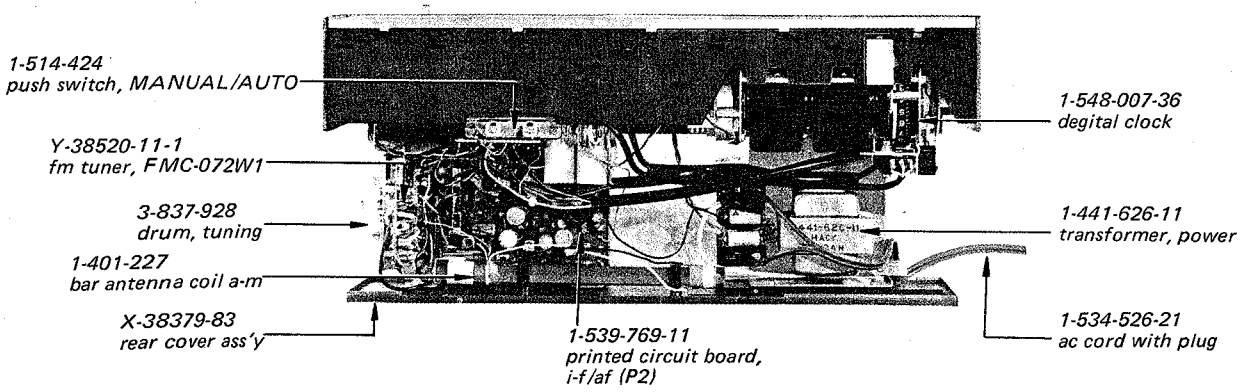
As a results, the output voltage of the stable-multivibrator is a pulse wave as shown in Fig. 1-3-Ⓓ

Accordingly, when the T1 pulse is added to point Ⓔ, the total waveform amplitude at Ⓔ becomes high enough to pass the sawtooth wave through the diodes and drive the speaker after amplification with 120 Hz sound as shown in Fig. 1-3-Ⓕ

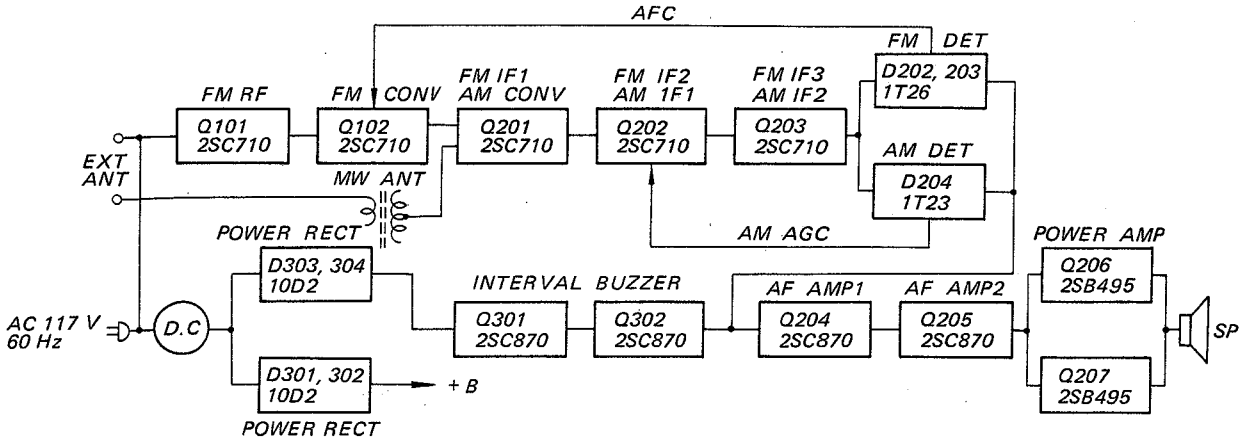
1-2. EXTERNAL VIEW



1-3. INTERNAL VIEW



1-4. BLOCK DIAGRAM



SECTION 2
DISASSEMBLY AND REPLACEMENT PROCEDURES

2-1. MAIN CABINET REMOVAL

1. Pull out the five knobs marked ※ in Fig. 2-1.
2. Remove the four screws shown in Fig. 2-2.
3. Pull out the three knobs marked ★ in Fig. 2-2.
4. Loosen the antenna terminal marked ○, and remove the ac line antenna bracket marked △ in Fig. 2-2.
5. Push the two lever of push switch marked ▲ in Fig. 2-3.
6. Pull out the cabinet in the direction shown by the arrow in Fig. 2-3.

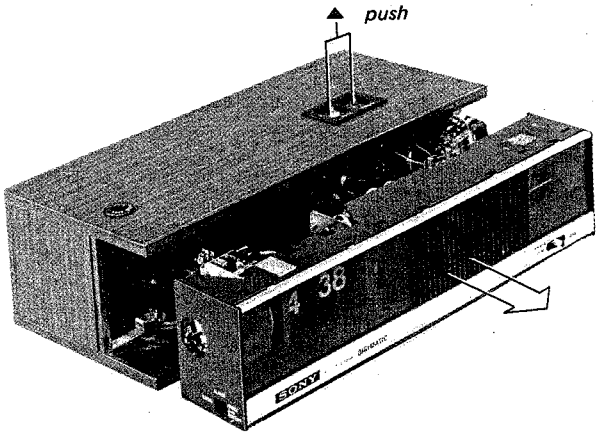


Fig. 2-3.

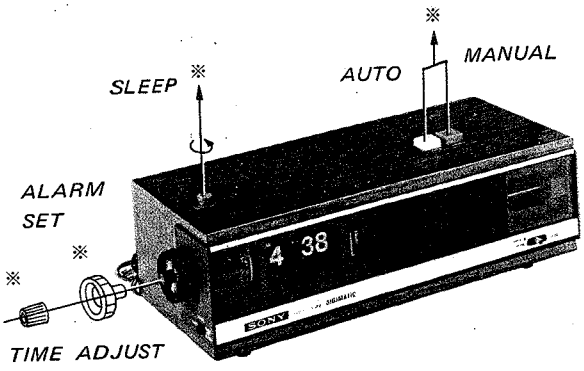


Fig. 2-1.

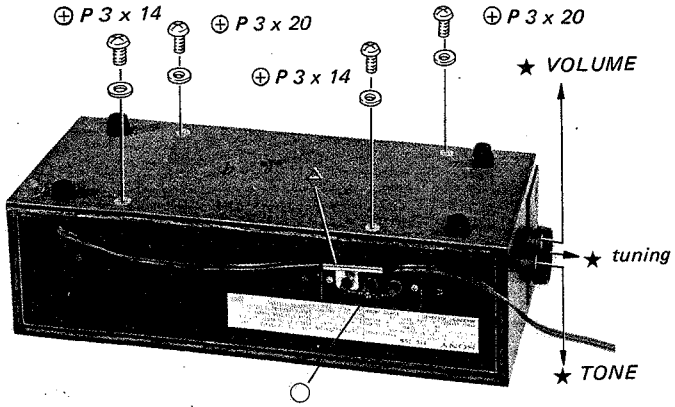


Fig. 2-2.

2-2. REAR COVER REMOVAL

1. Remove the four screws shown in Fig. 2-4.
2. Unsolder the six pvc wires shown in Fig. 2-5.
3. You can remove the rear cover completely.

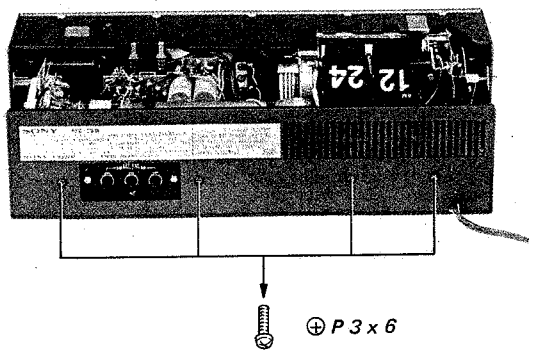


Fig. 2-4.

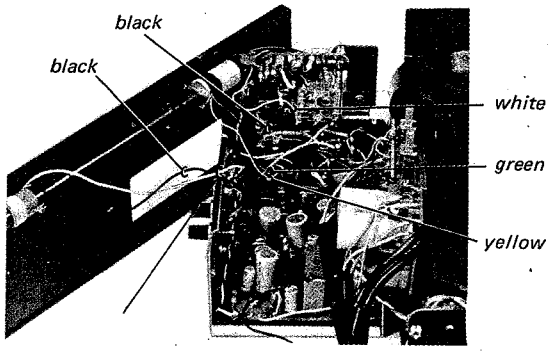


Fig. 2-5.

2-3. CHASSIS REMOVAL

1. Remove the three screws shown in Fig. 2-6.
2. Unsolder the five pvc wires shown in Fig. 2-7.
3. Remove the chassis in the direction shown by the arrow in Fig. 2-7.

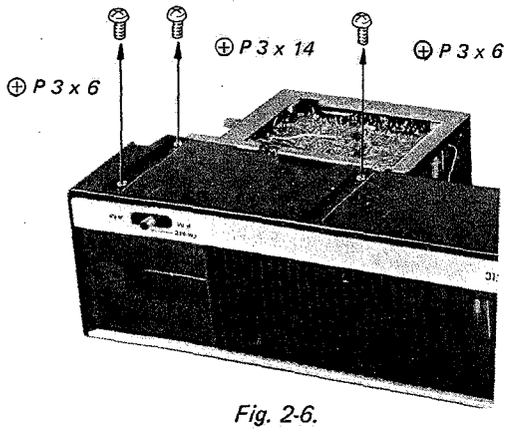


Fig. 2-6.

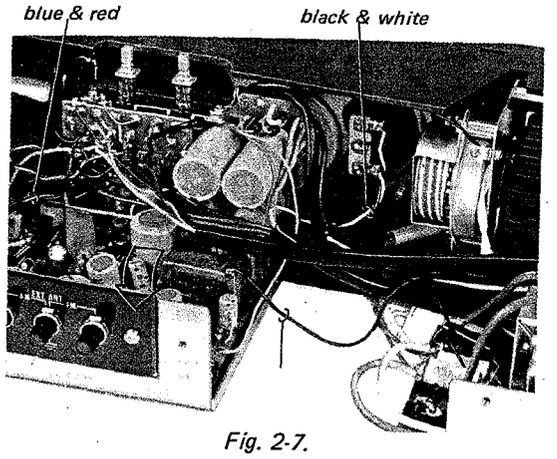


Fig. 2-7.

2-4. INTERVAL BUZZER CIRCUIT BOARD REMOVAL

1. Remove the two screws shown in Fig. 2-8.
2. Unsolder the seven pvc wires shown in Fig. 2-8.
3. Remove the interval buzzer circuit board in the direction by the arrow in Fig. 2-8.

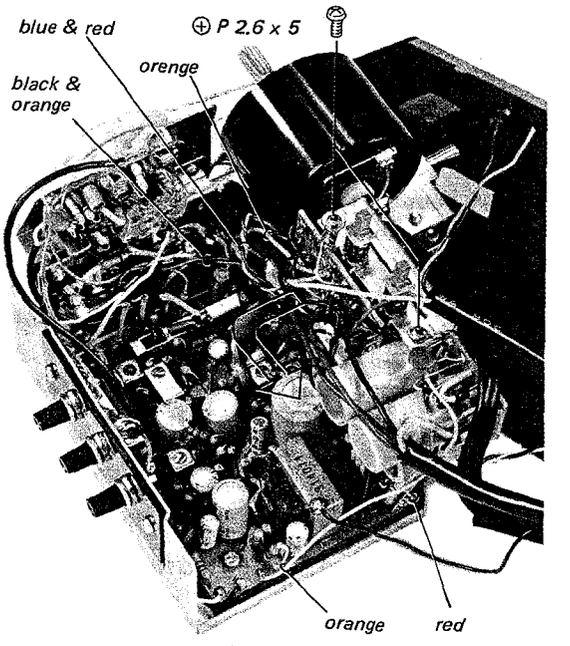


Fig. 2-8.

2-5. IF/AF CIRCUIT BOARD REMOVAL

1. Remove the interval buzzer circuit board.
2. Remove the screw and the heat sink shown in Fig. 2-9.
3. Unsolder the two pvc wires shown in Fig. 2-9.
4. Remove the three screws shown in Fig. 2-10.
5. Unsolder the three pvc wires shown in Fig. 2-10.

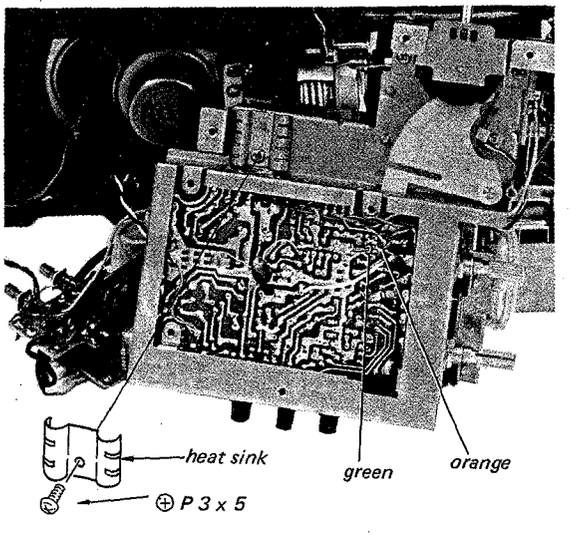


Fig. 2-9.

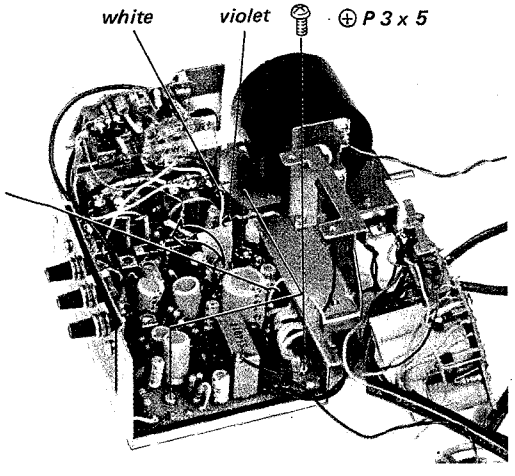


Fig. 2-10.

2-6. FM TUNER CIRCUIT BOARD REMOVAL

1. Remove the three screws shown in Fig. 2-11.
2. Fix the tuning drum with adhesive tape.
3. Remove the two screws shown in Fig. 2-12.
4. Remove the fm tuner circuit board in the direction shown by the arrow in Fig. 2-12.

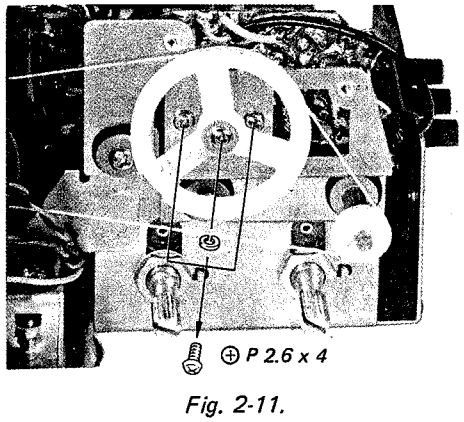


Fig. 2-11.

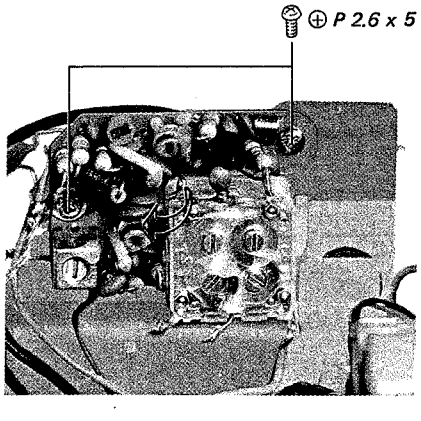


Fig. 2-12.

2-7. DIGITAL CLOCK REMOVAL

1. Remove the two screws shown in Fig. 2-13.
2. Unsolder the five pvc wires and the two shielded wires marked ※ in Fig. 2-14.
3. Remove the clock holding claw marked ○ in Fig. 2-14.
4. Pull out the digital clock in the direction shown by the arrow in Fig. 2-14.

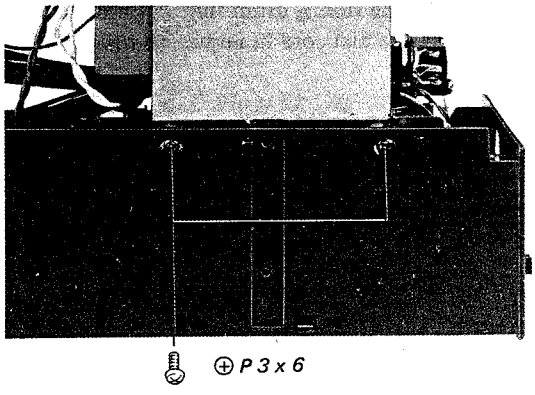


Fig. 2-13.

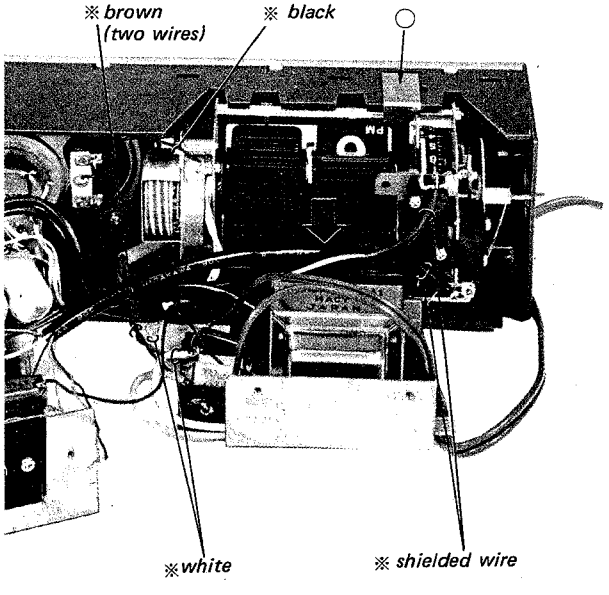
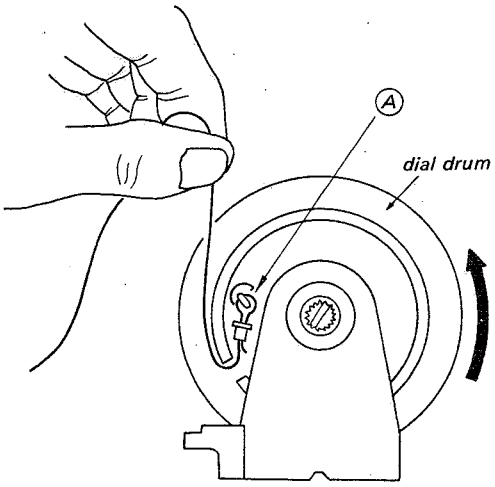


Fig. 2-14.

2-8. DIAL CORD STRINGING

– For Serial No. up to 12,400

1. Cut the dial cord about 28 inches in length.
2. Tie an end of dial cord at position Ⓐ shown in Fig. 2-15.
3. Rotate the dial drum counterclockwise so that the green stripe of dial drum is located just above.
4. Rotate the tuning drum fully counterclockwise.
5. String the dial cord in numerical order.



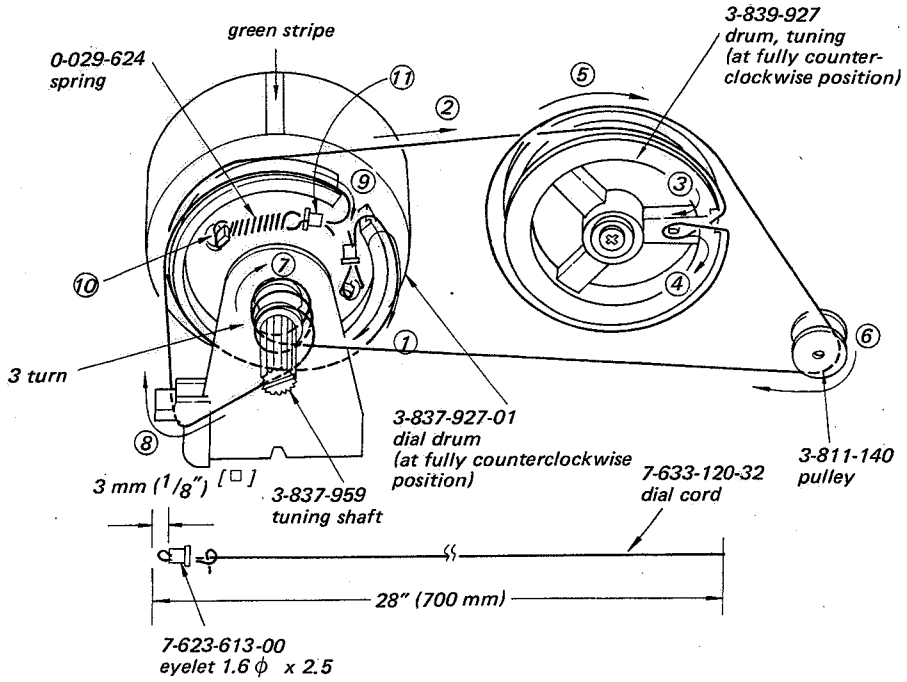


Fig. 2-15.

- For Serial No. 12,401 and later

1. Cut the dial cord about 30 inches in length.
2. Tie an end of dial cord at position Ⓑ shown in Fig. 2-16 and the other end to the spring with the eyelet.
3. Rotate the dial drum counterclockwise so that the green stripe of dial drum is located just above.
4. Rotate the turning drum fully counterclockwise.
5. String the dial cord in numerical order.

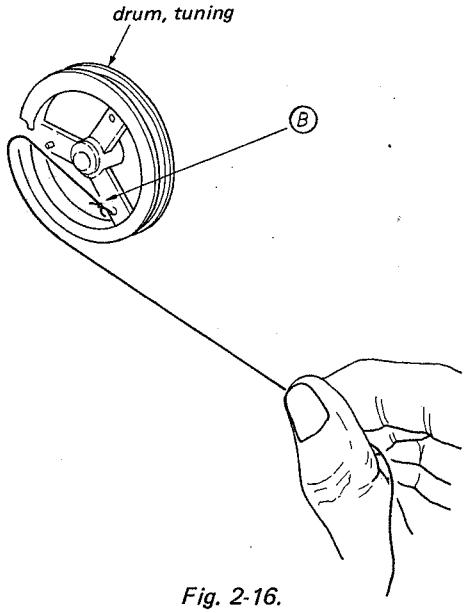


Fig. 2-16.

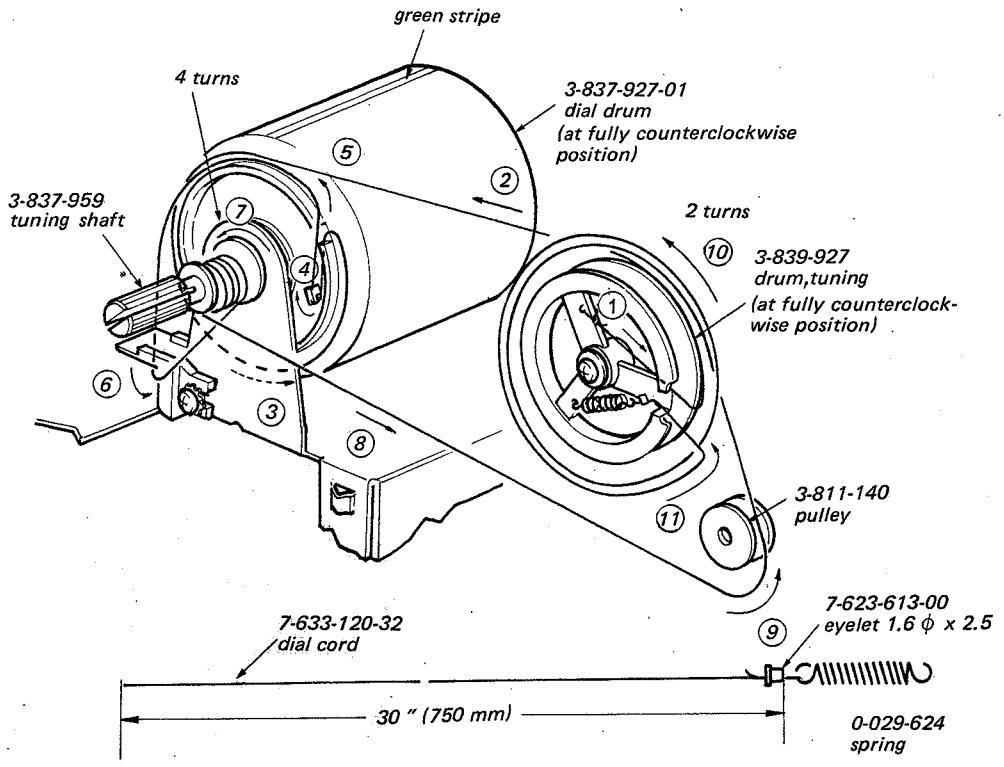


Fig. 2-17.

SECTION 3
CIRCUIT ADJUSTMENTS

3-1. AM IF ALIGNMENT

Test Equipments/Tools Required:

* Rf signal generator (for a-m)
* VTVM
* Loop antenna
* 8 Ω resistor
* Screwdriver for alignment

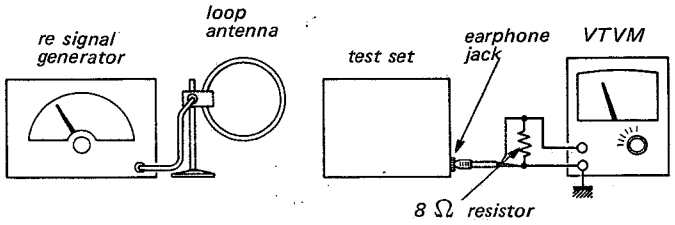


Fig. 3-1. A-m i-f alignment, frequency coverage and tracking adjustment setup

Rf Signal Generator Coupling	Rf Signal Generator Frequency	VTVM Connection	Adjust	Remarks
Loop antenna See Fig. 3-1.	455 kHz (1 kHz 30 % a-m)	Earphone jack with 8 Ω load resistor in parallel	CFT 201	Band selector : AM Volume control : fully clockwise (maximum) Tone control : fully clockwise (high) Tuning shaft : fully clockwise MANUAL button: push Adjust for maximum meter reading.

3-2. FM IF ALIGNMENT

Test Equipments/Tools Required:

* 10.7 MHz sweep generator with 10.7 MHz marker generator
* Oscilloscope
* Screwdriver for alignment

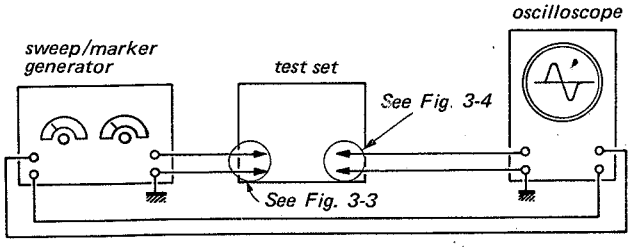


Fig. 3-2. Fm i-f alignment setup

Preparation

1. Sweep Generator Connection : Across the tuning capacitor as shown in Fig. 3-3.
2. Oscilloscope Connection : Across the volume control resistor as shown in Fig. 3-4.
3. Sweep Generator Center Frequency : 10.7 MHz
4. Marker Generator Frequency : 10.7 MHz
5. Volume Control Setting : Fully counterclockwise
6. Tone Control Setting : Fully clockwise
7. Band Selector Setting : FM (afc : off)
8. MANUAL botton : push

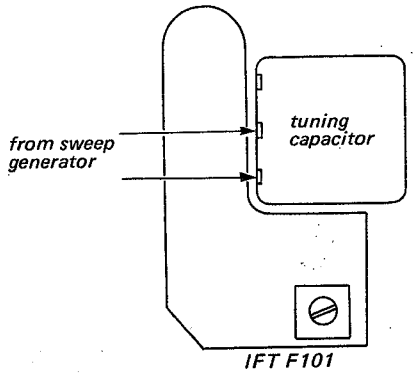


Fig. 3-3. Sweep generator connection

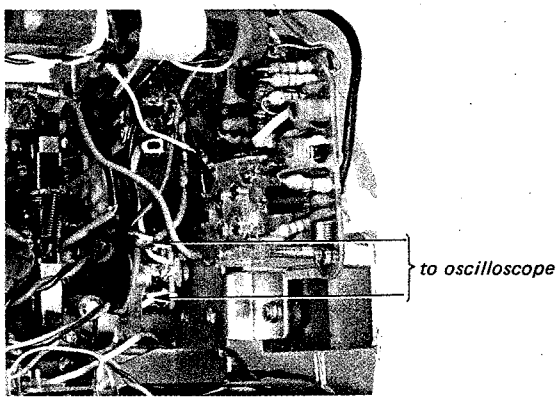


Fig. 3-4. Oscilloscope connection

Procedure

1. Turn the core of discriminator transformer (IFT F204) fully counterclockwise.
2. Turn the core of fm i-f transformer (IFT F101, F201, F202) and discriminator transformer (IFT F203) to obtain the maximum amplitude response curve shown in Fig. 3-5.
3. Turn the core of discriminator transformer (IFT F204) to obtain the "S" curve response shown in Fig. 3-6.

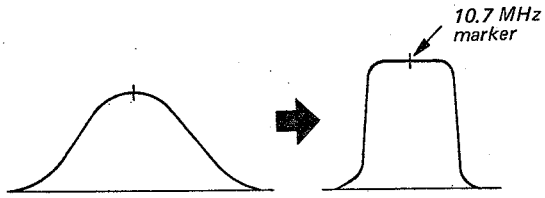


Fig. 3-5.

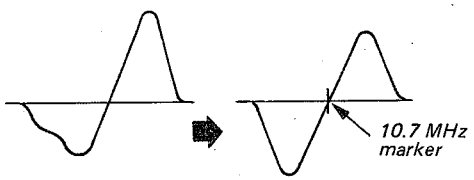


Fig. 3-6.

Sweep Generator Coupling	Sweep Generator Frequency	Oscilloscope Connection	Adjust	Remarks
Direct connection across fm tuning capacitor (osc section). See Fig. 3-2 and Fig. 3-3.	10.7 MHz	Across volume control See Fig. 3-4.	IFT F101 IFT F201 IFT F202 IFT F203 IFT F204	Band selector : FM (afc. off) Adjust for maximum amplitude and symmetrical "S" curve on the scope.

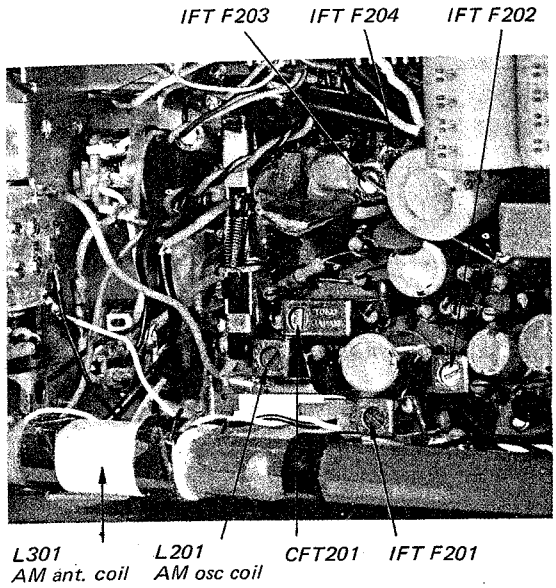


Fig. 3-7. Adjusting parts location (1)

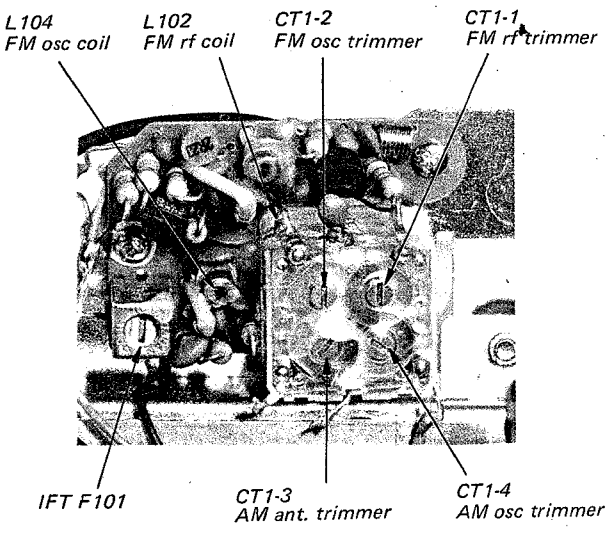


Fig. 3-8. Adjusting parts location (2)

3-3. FREQUENCY COVERAGE AND TRACKING ADJUSTMENT

Test Equipments/Tools Required:

* Rf signal generator (for fm and a-m)
* Loop antenna
* VTVM
* 8 Ω resistor
* Screw driver for alignment

Preparation:

1. VTVM Connection : To earphone jack with 8 Ω load resistor in parallel.
2. Modulation : FM - - - 400 Hz, ± 22.5 kHz frequency modulated signal.
   AM - - - 1 kHz 30%-amplitude modulated signal.
3. Volume Control Setting : Fully clockwise (maximum)
4. Tone Control Setting : Fully clockwise (high)
5. MANUAL button : push

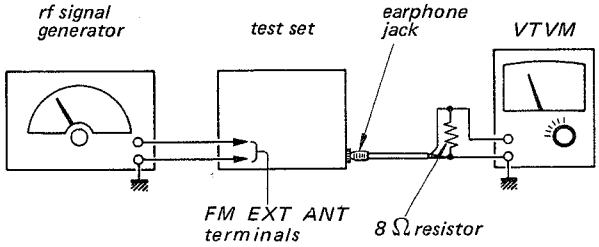
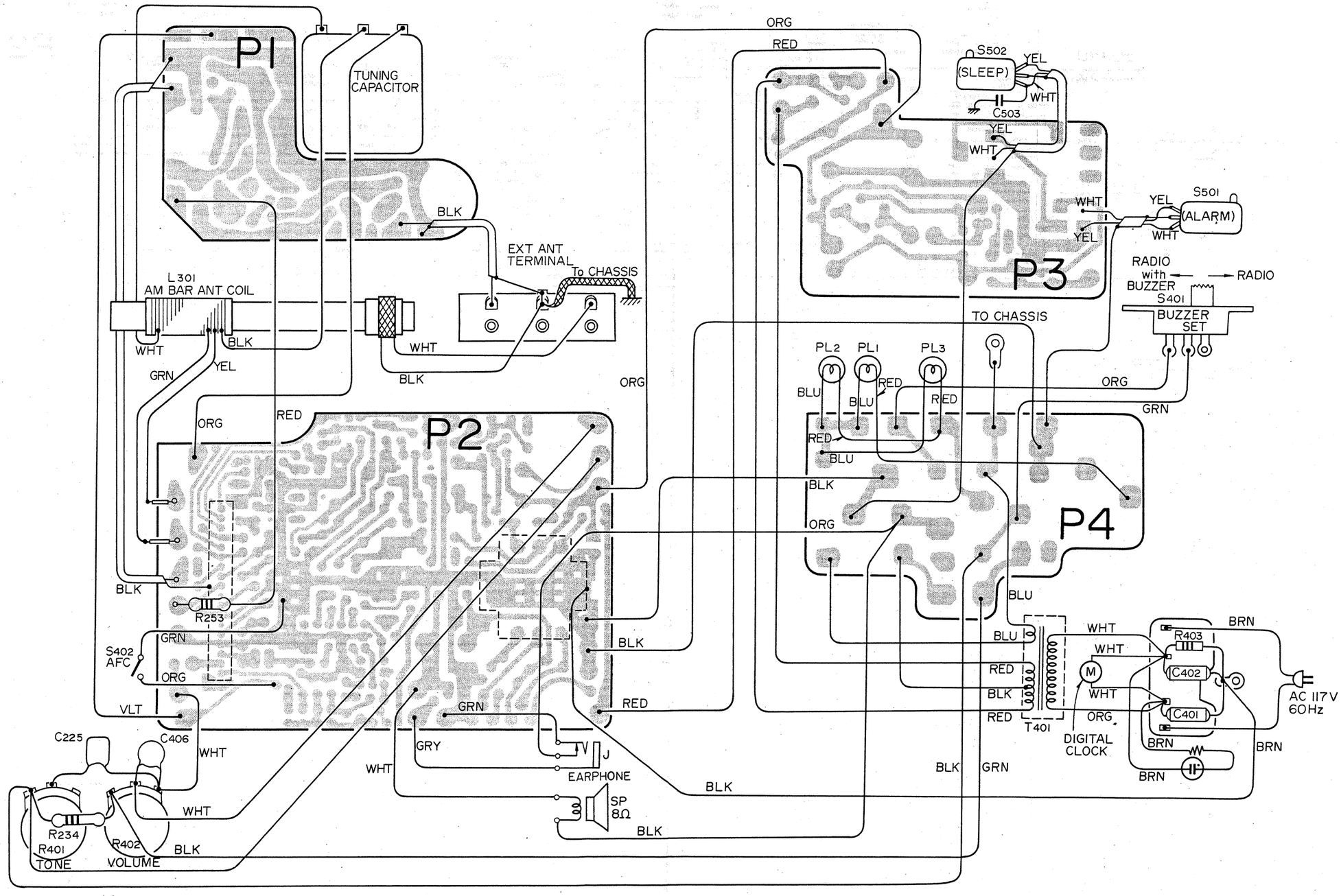


Fig. 3-9. Fm frequency coverage and tracking adjustment setup

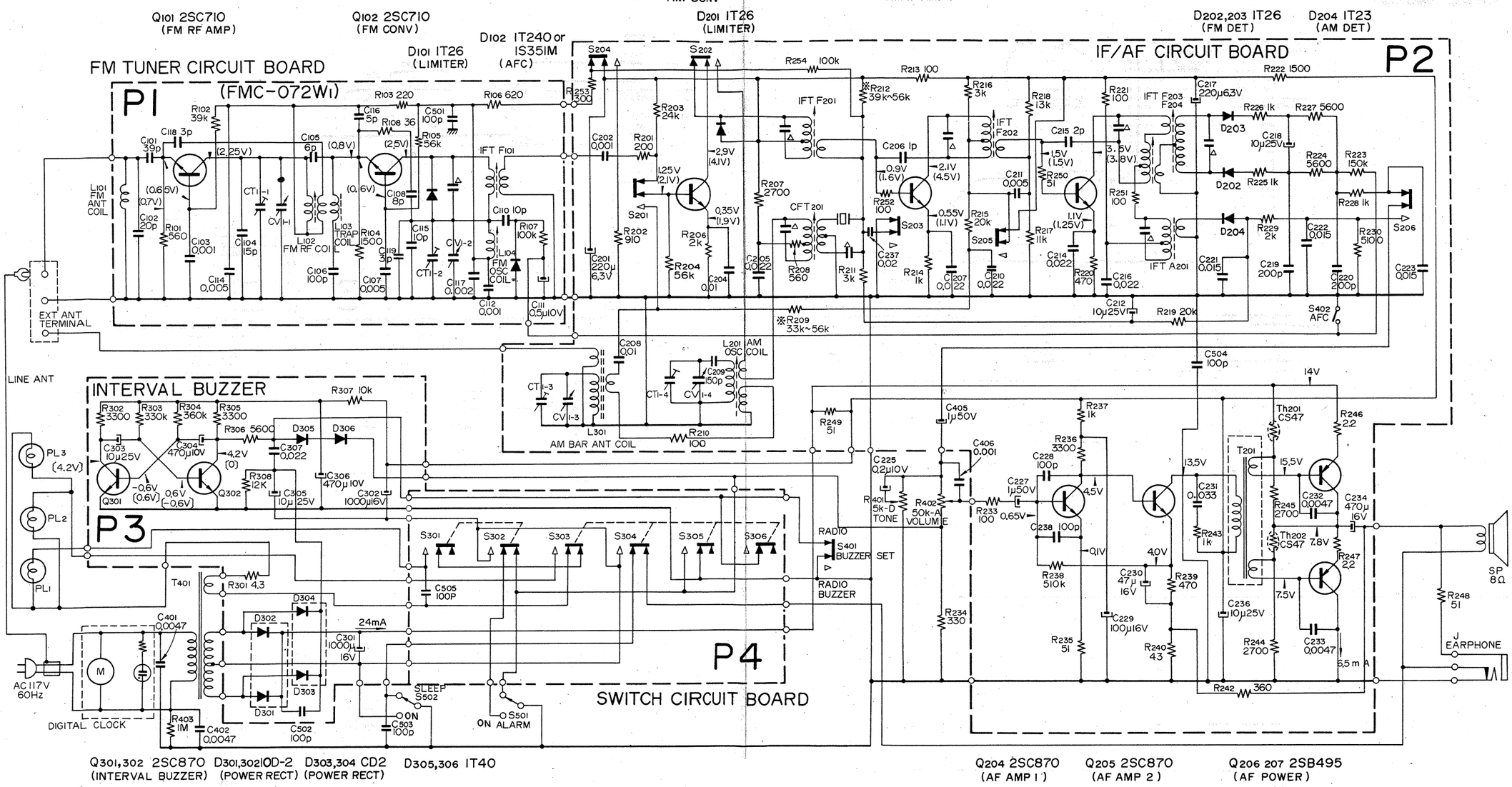
Adjustment	Rf Signal Generator Coupling	Rf Signal Generator Frequency	Receiver Tuning Knob Setting	Adjust (See Fig. 3-7 and Fig. 3-8)	Remarks
FM Frequency Coverage	Direct connection to FM EXT ANT terminals See Fig. 3-9.	85.5 MHz	Fully clockwise	FM osc coil L104	Band Selector : FM (afc : off) Adjust for maximum meter reading.
		109.5 MHz	Fully counter-clockwise	FM osc trimmer CT1-2.	
FM Tracking		85.5 MHz	Tune to 85.5 MHz signal	FM rf coil L102	
		109.5 MHz	Tune to 109.5 MHz signal	FM rf trimmer CT1-1	
AM Frequency Coverage	Loop antenna See Fig. 3-1.	520 kHz	Fully clockwise	AM osc coil L201	Band Selector : AM Adjust for maximum meter reading.
		1,680 kHz	Fully counter-clockwise	AM osc trimmer CT1-4	
AM Tracking		620 kHz	Tune to 620 kHz signal	AM ant coil L301	
		1,400 kHz	Tune to 1,400 kHz signal	AM ant trimmer CT1-3	

SECTION 5
MOUNTING AND SCHEMATIC DIAGRAMS

5-1. WIRING DIAGRAM



5-2. SCHEMATIC DIAGRAM



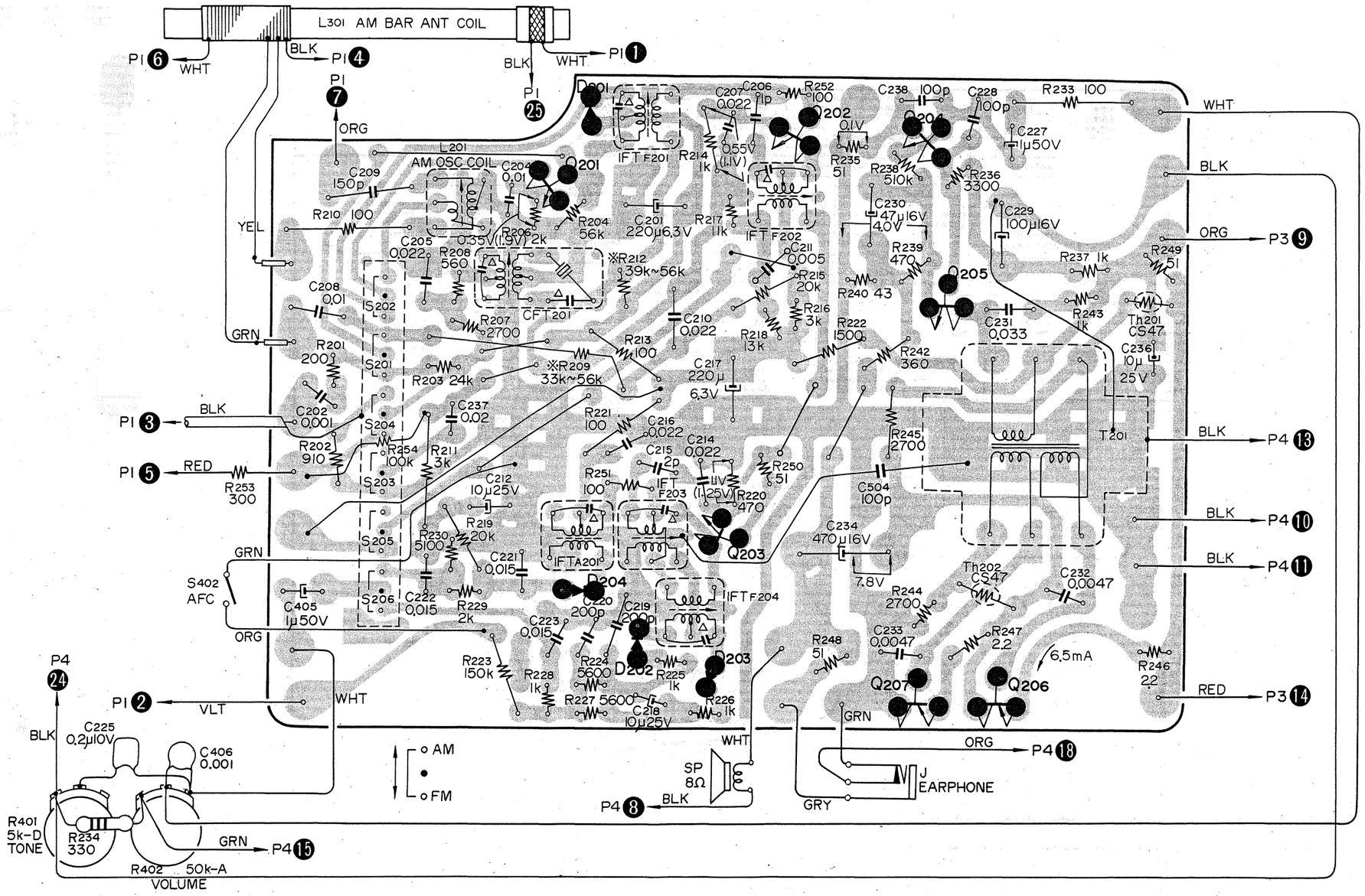
Note:

1. ⏚ shows grounding to chassis.
2. All resistors and capacitors are in Ω and μF, unless otherwise indicated.
3. Capacitors marked △ are built in i-f transformers.
4. The symbol ※ indicates a component whose value is selected to yield spacified operating condition.
5. Voltage value is measured to ground circuit with a dc woltmeter (20 kΩ/V) and current value is measured with a dc ammeter. Voltage and current are taken with no radio signal received and the values shown in ( ) with band selector set to FM. Variations may be noted due to normal production tolerances.
6. Switching position is shown in the following table.

Switch No.	Description	Position
S201-S206	band selector	FM
S301-S302	AUTO switch	OFF
S303-S306	MANUAL switch	OFF
S401	BUZZER set switch	RADIO
S402	afc switch	on
S501	ALARM switch	off
S502	SLEEP switch	off

5-3. IF/AF CIRCUIT BOARD (P2) – MOUNTING DIAGRAM

– Conductor Side –

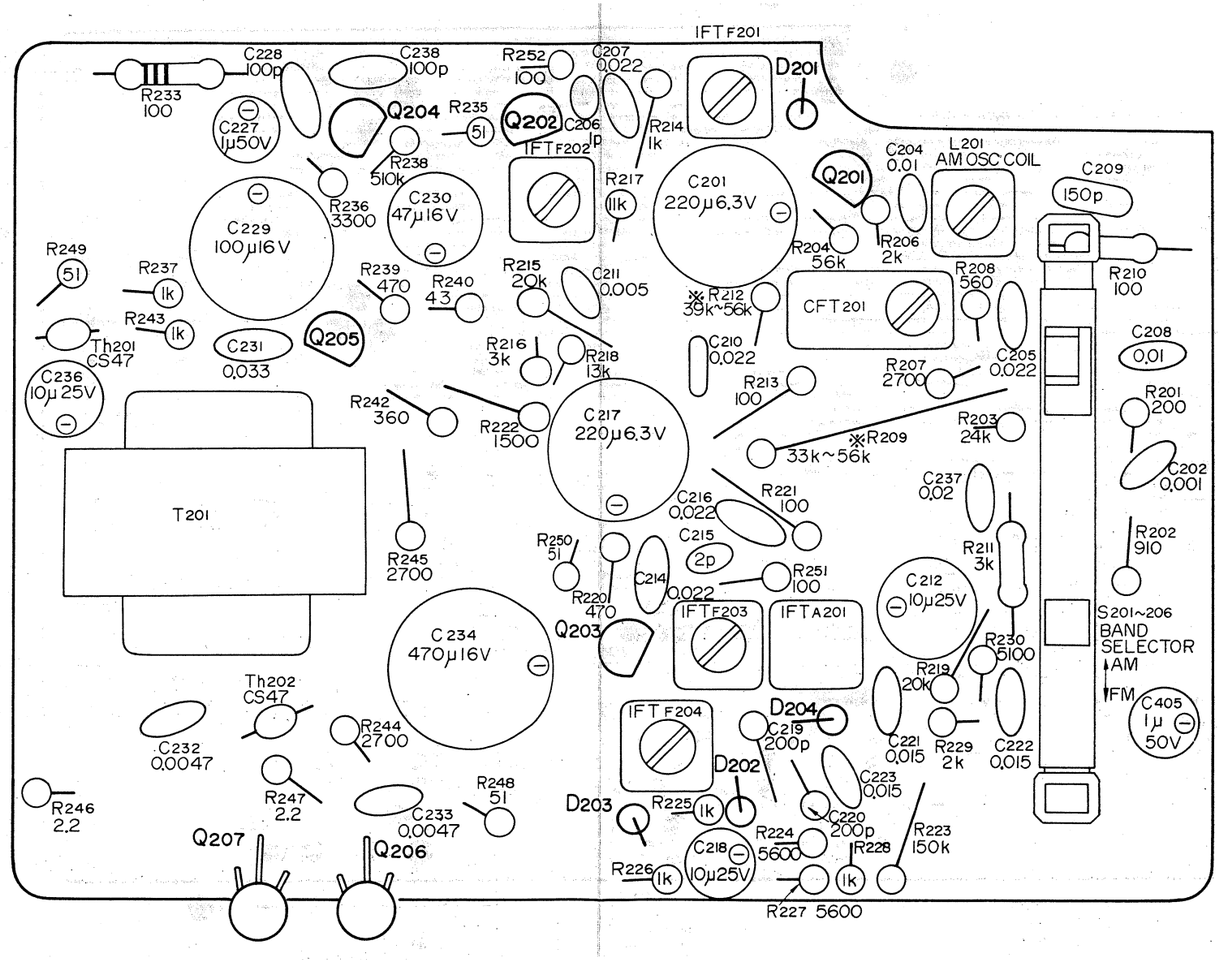


Note: 1. Printed circuit board, Part No : 1-539-769-11.

2. R254, C504 : Mounted on the conductor side.

5-3. IF/AF CIRCUIT BOARD (P2) — MOUNTING DIAGRAM

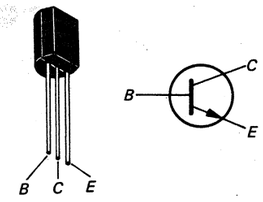
— Component Side —



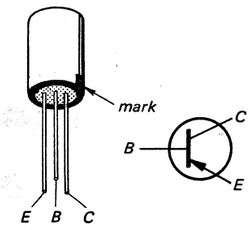
Notes: 1. Printed circuit board, Part No: 1-539-769-11.

2. R254, C504 : Mounted on the conductor side.

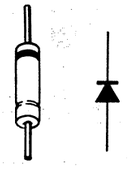
Q201 ~ 203 *2SC710*
Q204 ~ 205 *2SC870*



Q206 ~ 207 *2SB495*

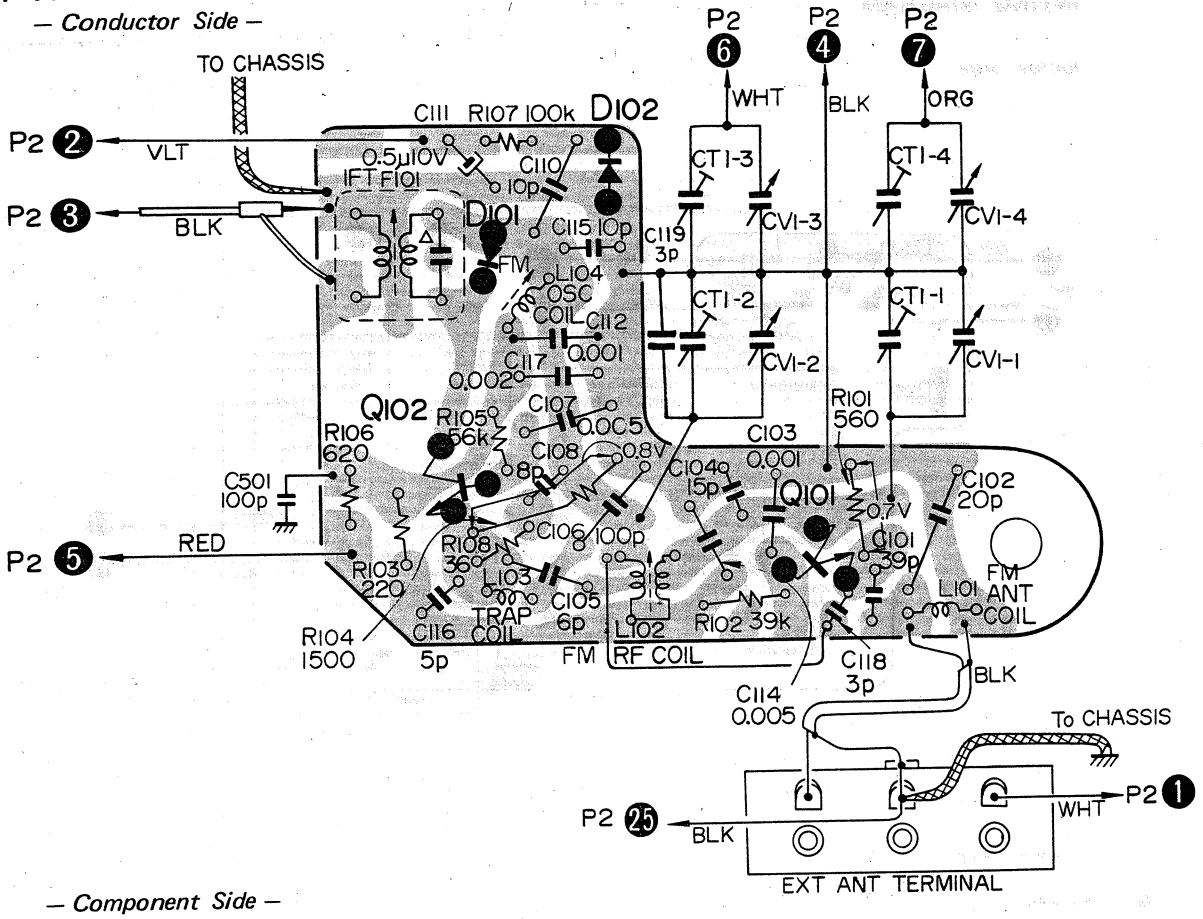


D201 ~ 203 *1T26*
D204 *1T23*

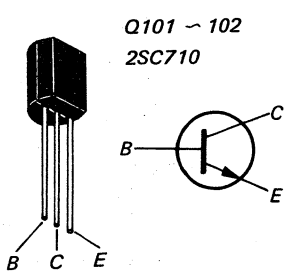


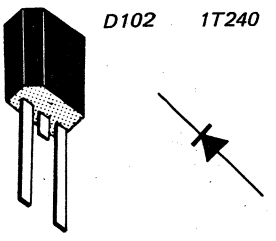
5-4. FM TUNER CIRCUIT BOARD (P1) – MOUNTING DIAGRAM

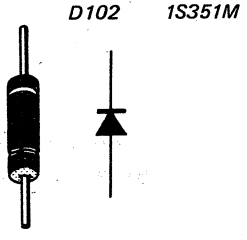
– Conductor Side –

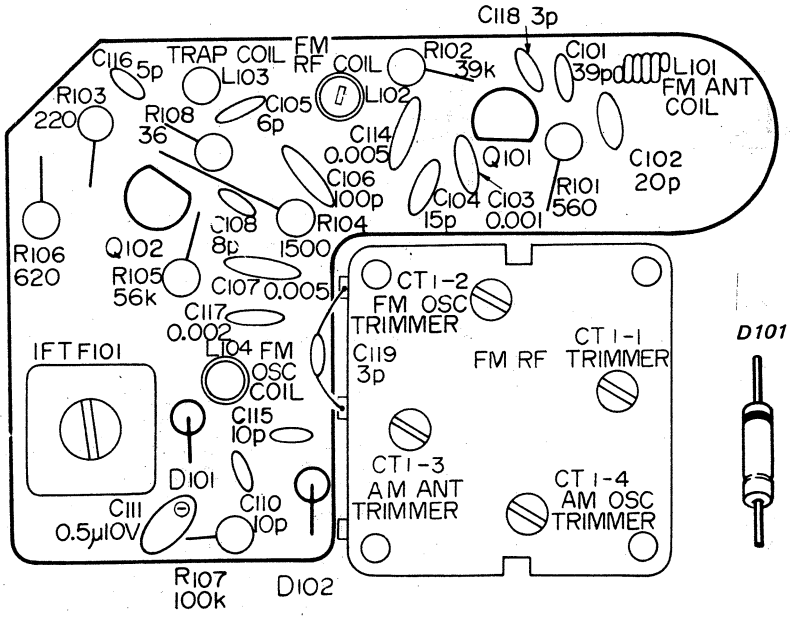


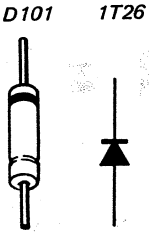
– Component Side –









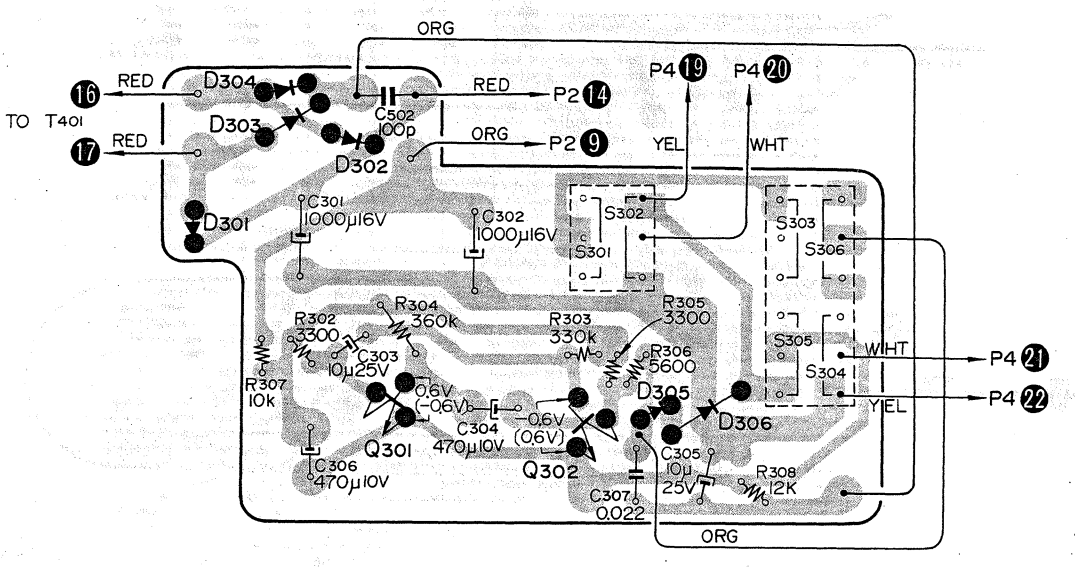


Note: 1. Printed circuit board, Part No: 1-538-649-13.

2. C112 : Mounted on the conductor side.

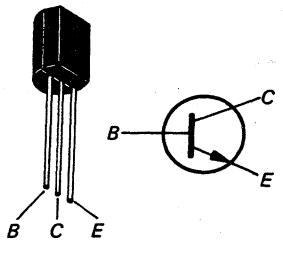
5-5. INTERVAL BUZZER CIRCUIT BOARD (P3) – MOUNTING DIAGRAM

– Conductor Side –

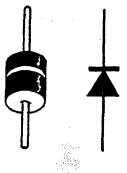


– Component Side –

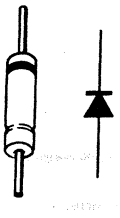
Q301, 302 2SC870

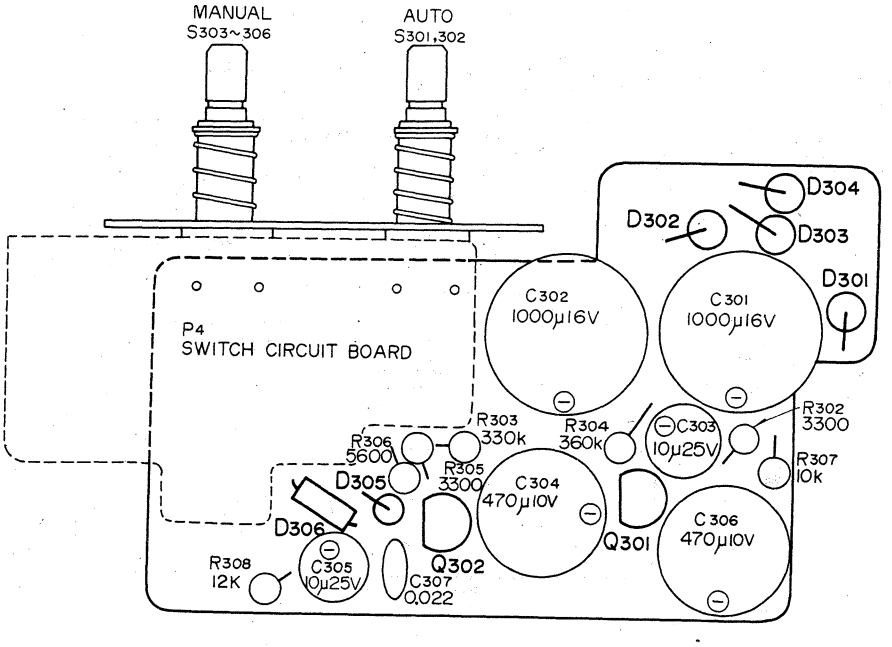


D301 ~ D304 10D-2



D305, 306 1T40

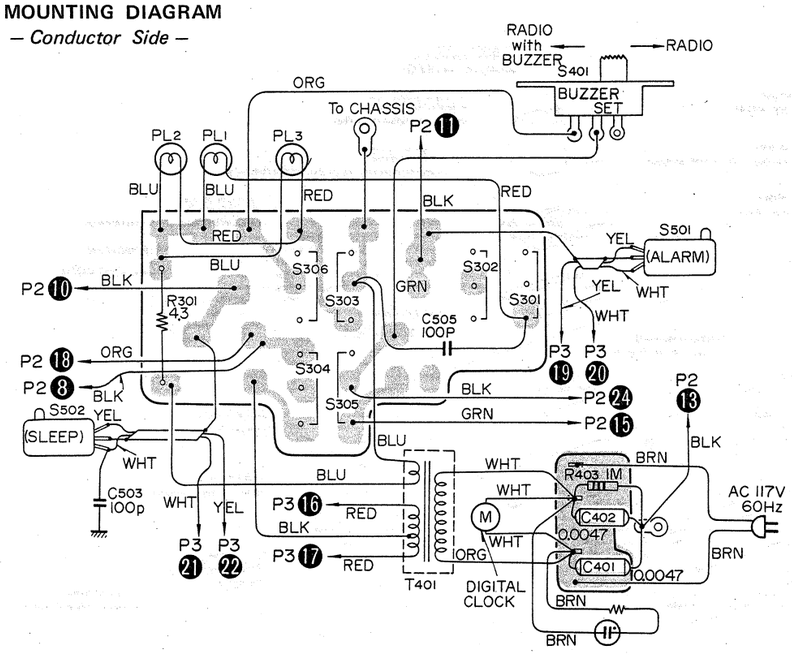




Printed circuit board
Part No. 1-539-580-11

5-6. SWITCH CIRCUIT BOARD (P4) – MOUNTING DIAGRAM

– Conductor Side –

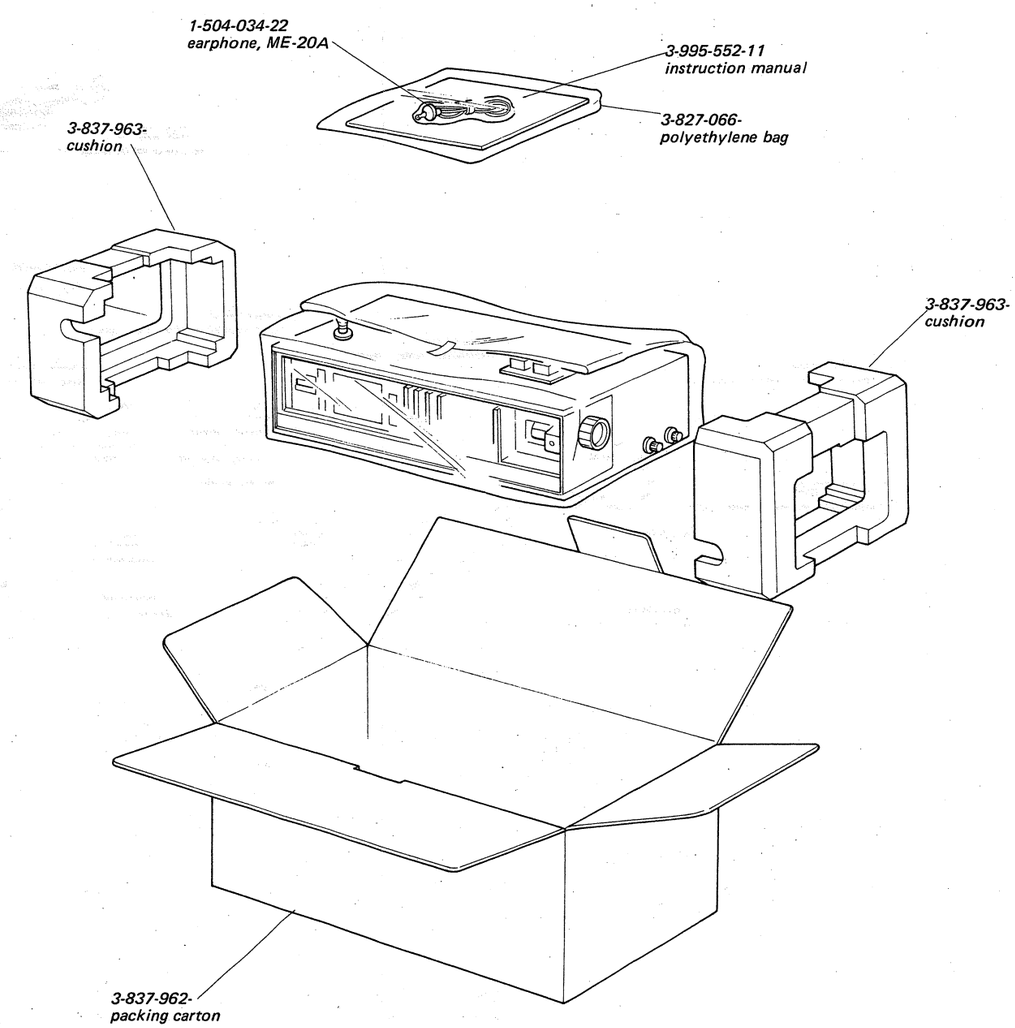


Note :

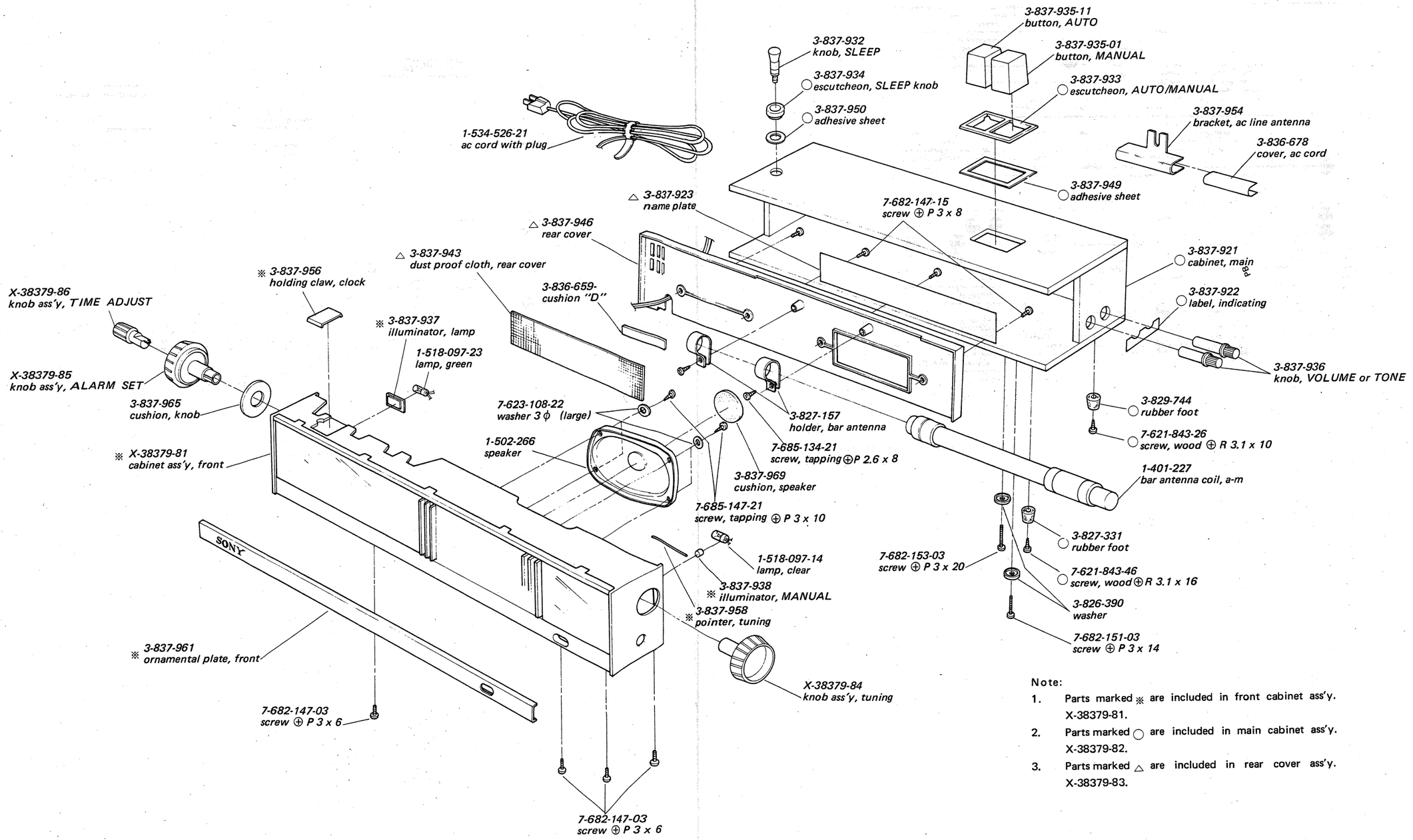
1. Printed circuit board Part No. 1-539-581-11
2. C505 : Mounted on the conductor side.

SECTION 6
PACKING AND EXPLODED VIEW

6-1. PACKING



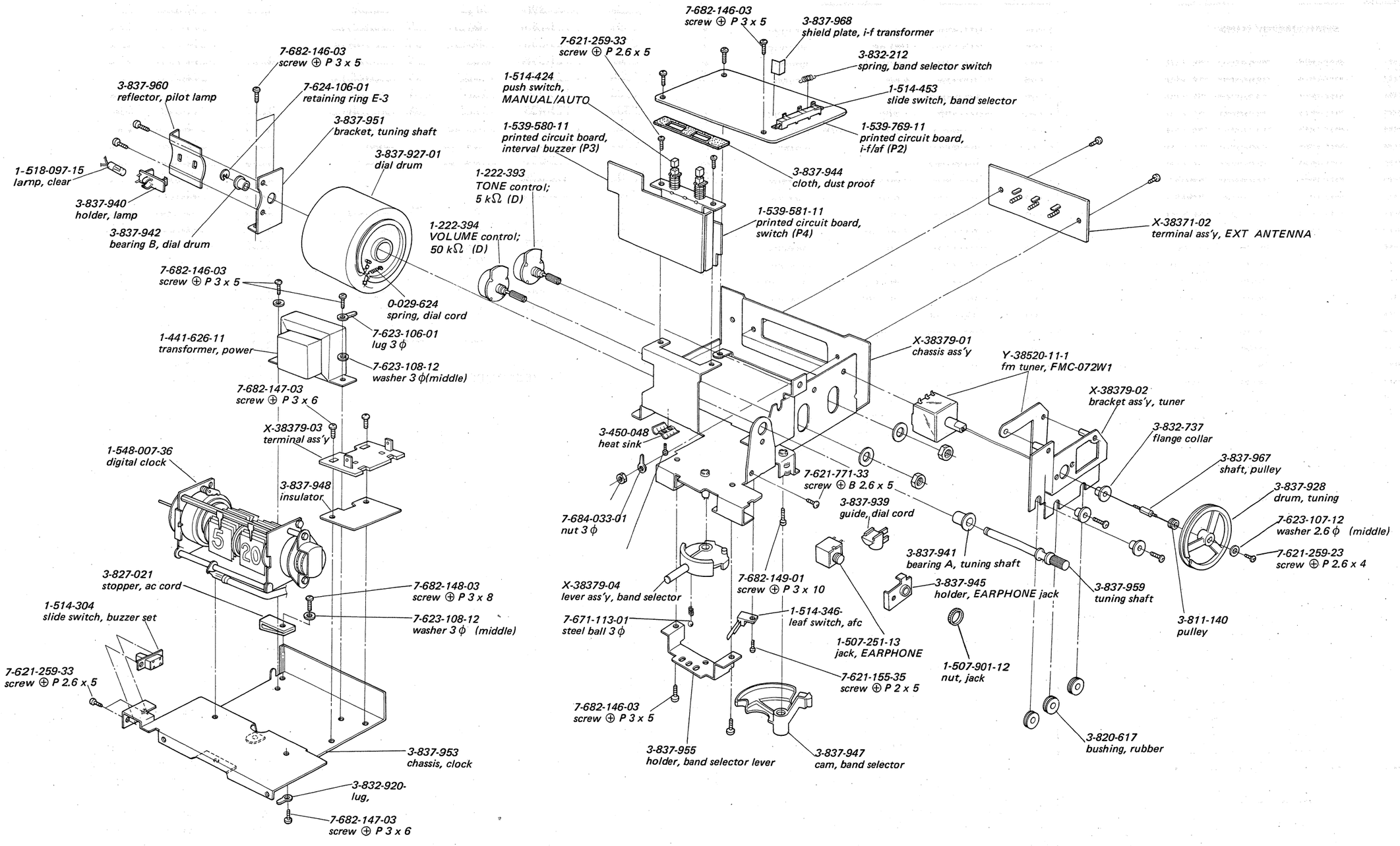
6-2. EXPLODED VIEW (1)



Note:

1. Parts marked ※ are included in front cabinet ass'y. X-38379-81.
2. Parts marked ○ are included in main cabinet ass'y. X-38379-82.
3. Parts marked △ are included in rear cover ass'y. X-38379-83.

6-3. EXPLODED VIEW (2)



SECTION 7
ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	SEMICONDUCTORS	
Q101	1-801-O03	transistor 2SC710
Q102	1-801-O03	transistor 2SC710
Q201	1-801-O03	transistor 2SC710
Q202	1-801-O03	transisotr 2SC710
Q203	1-801-O03	transistor 2SC710
Q204	1-801-O04	transistor 2SC870
Q205	1-801-O04	transistor 2SC870
Q206	1-801-O05	transistor 2SB495
Q207	1-801-O05	transistor 2SB495
Q301	1-801-O04	transistor 2SC870
Q302	1-801-O04	transistor 2SC870
D101		diode 1T-26
D102		diode 1T-240 or 1S351M
D201		diode 1T-26
D202		diode 1T-26
D203		diode 1T-26
D204		diode 1T-23
D301		diode 10D-2
D302		diode 10D-2
D303		diode 10D-2
D304		diode 10D-2
D305		diode 1T40
D306		diode 1T40
Th201	8-691-O02-11	thermistor CS47
Th202	8-691-O02-11	thermistor CS47
	COILS AND TRANSFORMERS	
L101	1-401-228-	antenna coil, fm
L102	1-425-373-	rf coil, fm
L103	1-407-101-	coil, trap
L104	1-405-315-	osc coil, fm
L201	1-405-306-	osc coil, a-m
L301	1-401-227-	antenna coil, a-m bar
IFT F101	1-403-242-31	transformer, fm i-f
IFT F201	1-403-243-31	transformer, fm i-f
IFT F202	1-403-244-31	transformer, fm i-f
IFT F203	1-403-272-31	discriminator, prim
IFT F204	1-403-273-31	discriminator, sec.
IFT A201	1-403-128-	transformer, a-m i-f
CFT201	1-403-163-21	ceramic filter
T201	1-423-140-	transformer, driver
T401	1-441-626-21	transformer, power
	CAPACITORS	
C101	1-101-876-	39 pF ceramic
C102	1-101-864-	20 pF ceramic
C103	1-101-918-	0.001 μF ceramic
C104	1-101-861-	15 pF ceramic
C105	1-101-956-	6 pF ceramic
C106	1-101-896-	100 pF ceramic
C107	1-101-140-	0.005 μF ceramic
C108	1-101-958	8 pF ceramic
C109	– discarded –	
C110	1-101-955	5 pF? ceramic
C111	1-127-022-	0.5 μF 10V alox
C112	1-105-821-12	0.001 μF mylar
C113	– discarded –	
C114	1-101-140-	0.005 μF ceramic
C115	1-101-959-	10 pF ceramic
C116	1-101-955-	5 pF ceramic
C117	1-101-919	0.002 μF ceramic
C118	1-101-953-	3 pF ceramic
C119	1-101-953-	3 pF ceramic
C201	1-121-420	220 μF 6.3V electrolytic
C202	1-101-918-	0.001 μF ceramic
C203	– discarded –	
C204	1-108-234-12	0.0047 μF mylar
C205	1-108-242-12	0.022 μF mylar
C206	1-101-157	1 pF ceramic
C207	1-108-242-12	0.022 μF mylar
C208	1-101-923	0.01 μF ceramic
C209	1-103-605	150 pF styrol
C210	1-108-242-12	0.022 μF mylar
C211	1-101-922	0.005 μF ceramic
C212	1-121-398	10 μF 25V ceramic
C213	– discarded –	
C214	1-108-242-12	0.022 μF mylar
C215	1-101-177-	2 pF ceramic
C216	1-108-242-12	0.022 μF mylar
C217	1-121-420-	220 μF 6.3V electrolytic
C218	1-121-398-	10 μF 25V electrolytic
C219	1-103-608-	200 pF styrol
C220	1-103-608-	200 pF styrol
C221	1-108-240-12	0.015 μF mylar
C222	1-108-240-12	0.015 μF mylar
C223	1-108-240-12	0.015 μF mylar
C224	– discarded –	
C225	1-127-020-	0.2 μF 10V electrolytic (alox)
C226	– discarded –	
C227	1-121-391-	1 μF 50V electrolytic
C228	1-101-896-	100 pF ceramic
C229	1-121-415-	100 μF 16V electrolytic
C230	1-121-409	47 μF 16V electrolytic
C231	1-108-244-12	0.033 μF mylar
C232	1-108-234-12	0.0047 μF mylar
C233	1-108-234-12	0.0047 μF mylar
C234	1-121-426-	470 μF 16V electrolytic
C235	– discarded –	
C236	1-121-398	10 μF 25V electrolytic
C237	1-108-242-12	0.022 μF mylar
C238	1-101-896-	100 pF ceramic
C301	1-121-186-	1000 μF 16V electrolytic
C302	1-121-186-	1000 μF 16V electrolytic
C303	1-121-398-	10 μF 25V electrolytic
C304	1-121-425	470 μF 10V electrolytic
C305	1-121-398	10 μF 25V electrolytic
C306	1-121-425	470 μF 10V electrolytic
C307	1-108-242-12	0.022 μF mylar
C401	1-115-071-	0.0047 μF paper
C402	1-115-071-	0.0047 μF paper
C403	– discarded –	
C404	– discarded –	
C405	1-121-391	1 μF 50V electrolytic
C406	1-108-227-12	0.001 μF mylar
C501	1-101-896	100 pF ceramic
C502	1-101-896	100 pF ceramic
C503	1-101-896	100 pF ceramic
C504	1-101-896	100 pF ceramic
C505	1-101-896	100 pF ceramic
CV1-1 CV1-4	1-151-149	capacitor, tuning
	RESISTORS	

All resistors are ¼W 5% carbon resistors unless otherwise noted. All resistance values are in Ω.

Ref. No.	Part No.		
R101	1-244-467-	560	1/8 W carbon
R102	1-244-511-	39 k	1/8 W carbon
R103	1-244-457-	220	1/8 W carbon
R104	1-244-477-	1500	1/8 W carbon
R105	1-244-515-	56 k	1/8 W carbon
R106	1-244-468-	620	1/8 W carbon
R107	1-244-521-	100 k	1/8 W carbon
R108	1-244-438-	36	1/8 W carbon
R201	1-244-656-	200	
R202	1-244-672-	910	
R203	1-244-706-	24 k	
R204	1-244-715-	56 k	
R205	– discarded –		
R206	1-244-680-	2 k	
R207	1-244-683-	2700	
R208	1-244-667-	560 Ω	
※R209	1-244-709-	33 k	
	1-244-710-	36 k	
	1-244-711-	39 k	
	1-244-712-	43 k	
	1-244-713-	47 k	
	1-244-714-	51 k	
	1-244-715-	56 k	
R210	1-244-649-	100	
※R212	1-244-711-	39 k	
	1-244-712-	43 k	
	1-244-713-	47 k	
	1-244-714-	51 k	
	1-244-715-	56 k	
R211	1-244-684-	3 k	
R213	1-244-649-	100	
R214	1-244-673-	1 k	
R215	1-244-704-	20 k	
R216	1-244-684-	3 k	
R217	1-244-698-	11 k	
R218	1-244-700-	13 k	
R219	1-244-704-	20 k	
R220	1-244-665-	470	
R221	1-244-649-	100	
R222	1-244-677-	1500	
R223	1-244-725-	150 k	
R224	1-244-691-	5600	
R225	1-244-673-	1 k	
R226	1-244-673-	1 k	
R227	1-244-691-	5600	
R228	1-244-673-	1 k	
R229	1-244-680-	2 k	
R230	1-244-690-	5100	
R231	– discarded –		
R232	– discarded –		
R233	1-244-649-	100	
R234	1-244-661-	330	
R235	1-244-642-	51	
R236	1-244-685-	3300	
R237	1-244-673-	1 k	
R238	1-244-738-	510 k	
R239	1-244-665-	470	
R240	1-244-640	43	
R241	– discarded –		
R242	1-244-662	360	
R243	1-244-673-	1 k	
R244	1-244-683	2700	
R245	1-244-683	2700	
R246	1-209-136	2.2	1W carbon
R247	1-209-136	2.2	1W carbon
R248	1-244-642-	51	
R249	1-244-642-	51	
R250	1-244-642-	51 Ω	
R251	1-244-649-	100	
R252	1-244-649-	100	
R253	1-244-660	300	
R254	1-244-721	100 k	
R301	1-244-616-	4.3	
R302	1-244-685-	3300	
R303	1-244-733-	330 k	

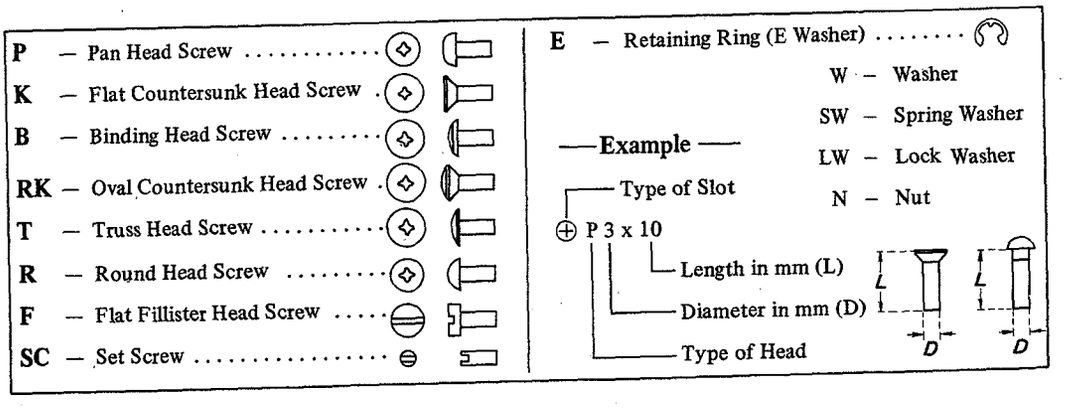
Ref. No.	Part No.	Description
R304	1-244-734-	360 k
R305	1-244-685-	3300
R306	1-244-691-	5600
R307	1-244-697-	10 k
R308	1-244-699	12 k
R401	1-222-393	tone control, 5 kΩ (D) slide
R402	1-222-394-	volume control, 50 kΩ (D) slide
R403	1-202-645-	1 MΩ ½ W composision

MISCELLANEOUS

1-538-649-13	printed circuit board, fm tuner
1-539-769-11	printed circuit board, i-f/af
1-539-581-11	printed circuit board, switch
1-539-580-11	printed circuit board, interval buzzer

Ref. No.	Part No.	Description
D. C	1-548-007-36	degital clock
SP	1-502-266	speaker, 8 Ω
PL1	1-518-097-14	lamp, clear
PL2	1-518-097-15	lamp, clear
PL3	1-518-097-23	lamp, green
J	1-507-251-13	jack, earphone
S201~206	1-514-453	slide switch, band selector
S301~306	1-514-424	push switch, AUTO/MANUAL
S401	1-514-304-11	slide switch, BUZZER set
S402	1-514-346	leaf switch, afc
	1-534-526-21	ac plug with cord

Hardware Nomenclature


P — Pan Head Screw
K — Flat Countersunk Head Screw
B — Binding Head Screw
RK — Oval Countersunk Head Screw
T — Truss Head Screw
R — Round Head Screw
F — Flat Fillister Head Screw
SC — Set Screw
E — Retaining Ring (E Washer)
W — Washer
SW — Spring Washer
LW — Lock Washer
N — Nut
Example
Type of Slot
P 3 x 10
Length in mm (L)
Diameter in mm (D)
Type of Head
L
D

When ordering replacement parts, you should use PART NUMBER listed on the Parts Lists or shown in the EXPLODED VIEW. The reference number should not be used for ordering purposes.

SONY®
SERVICE MANUAL

8FC-79W

SUPPLEMENT

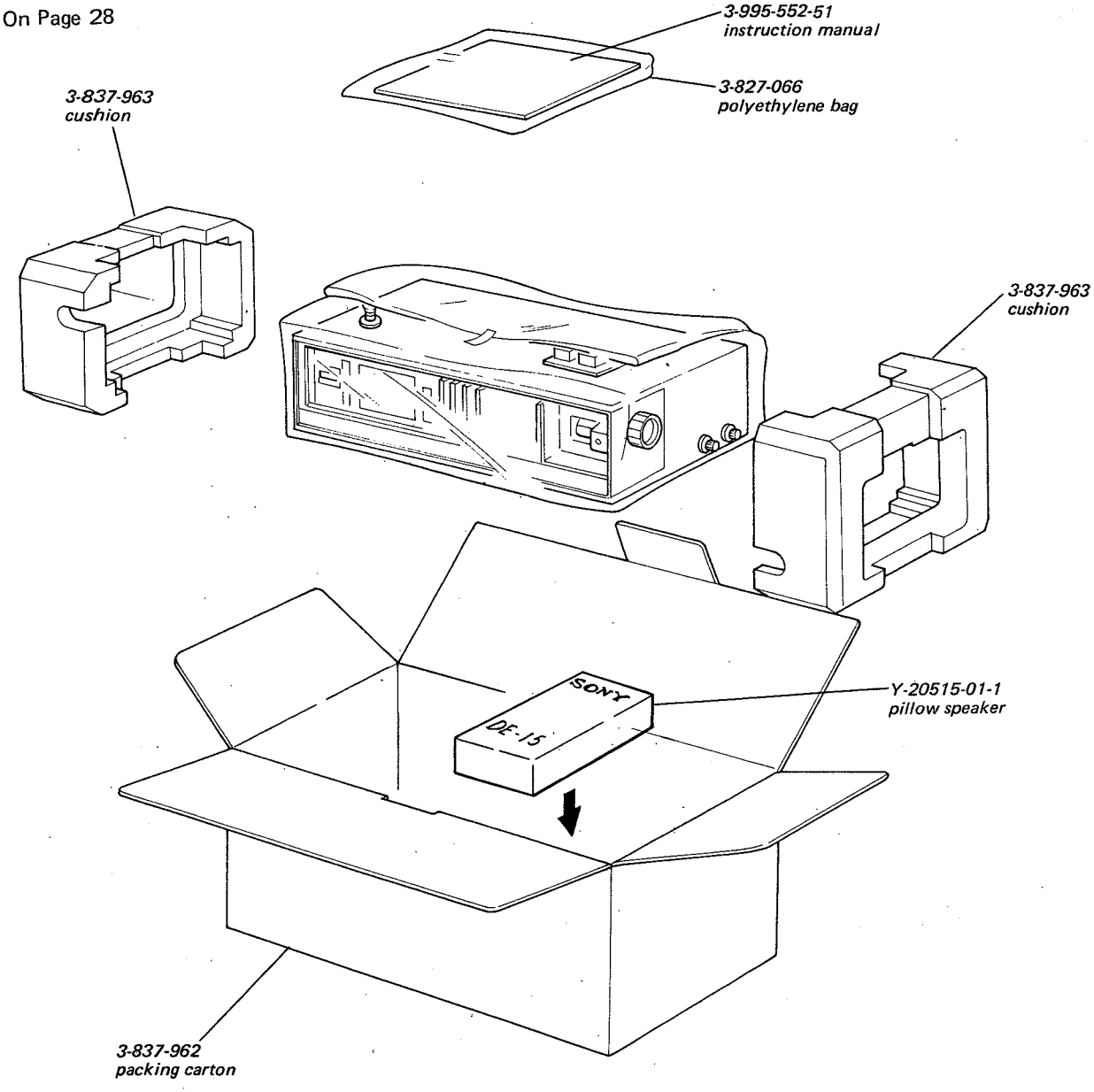
No. 1
OCT. 1970

For CANADA Model

Subject: The earphone and the instruction manual is changed only for CANADA model.

earphone	► Y-20515-01-1 (pillow speaker)
instruction manual	► 3-995-552-51

On Page 28



SONY CORPORATION

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